



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Therma-Tru Corporation
1687 Woodlands Drive
Maumee, OH 43537

Your application for Notice of Acceptance (NOA) of:

"Fiber-Classic" Out-Swing Opaque Fiberglass Door

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-1004.03

EXPIRES: 11/09/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 11/29/2001

APPROVED: November 29, 2001

EXPIRES: November 9, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This **renews** Notice of Acceptance (NOA) No. **00-0613.02**, which was issued on November 9, 2000. It renews the approval of a fiberglass outswing door, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The Series **"Fiberclassic" Outswing Residential Insulated Opaque (embossed) Fiberglass Door- Large Missile Impact Resistant & with Sidelites Non-Impact Resistant** and its components shall be constructed in strict compliance with the following document: Drawing No **S-2030**, Sheets 1 through 7 of 7, titled "Therma-Tru Fiberglass-Outswing," prepared by RW Building Consultants, Inc., dated 9/20/00 and revised on 10/17/00, signed sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications of a double door or single door with or without sidelites, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.

4. INSTALLATION

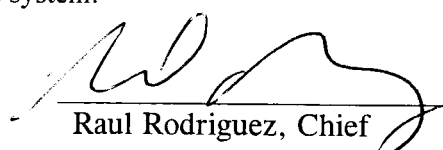
- 4.1 The Outswing Residential Insulated Fiberglass door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters):
Sidelites: Installation of this unit **will require** a Hurricane protection system.
Doors : Installation of this unit **will not require** a Hurricane protection system.

5. LABELING

- 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



Raul Rodriguez, Chief
Product Control Division

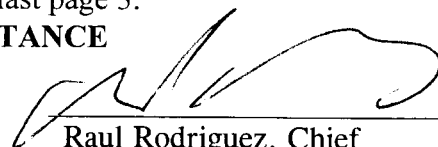
APPROVED: November 29, 2001

EXPIRES: November 9, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE



Raul Rodriguez, Chief
Product Control Division

THE "FIBER CLASIC", "SMOOTH STAR" & "CLASIC CRAFT"
OUTSWING INSULATED FIBERGLASS DOOR

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. MIAMI-DADE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED FOR SIDELITES.
5. DESIGNED PRESSURE RATING SEE TABLE SHEET 1.
6. SIDELITES ARE AN OPTION AND CAN BE IN A SINGLE OR DOUBLE DOOR CONFIGURATION.

RESIDENTIAL INSULATED FIBERGLASS DOOR
(Common to all frame conditions)

Door Leaf Construction:

Face sheets: Fiberglass 0.090" minimum thickness,
with yield strength $F_y(\text{min.}) = 5,000 \text{ psi}$

Core design: Polyurethane foam core, with 2.1 lbs. density by BASF.

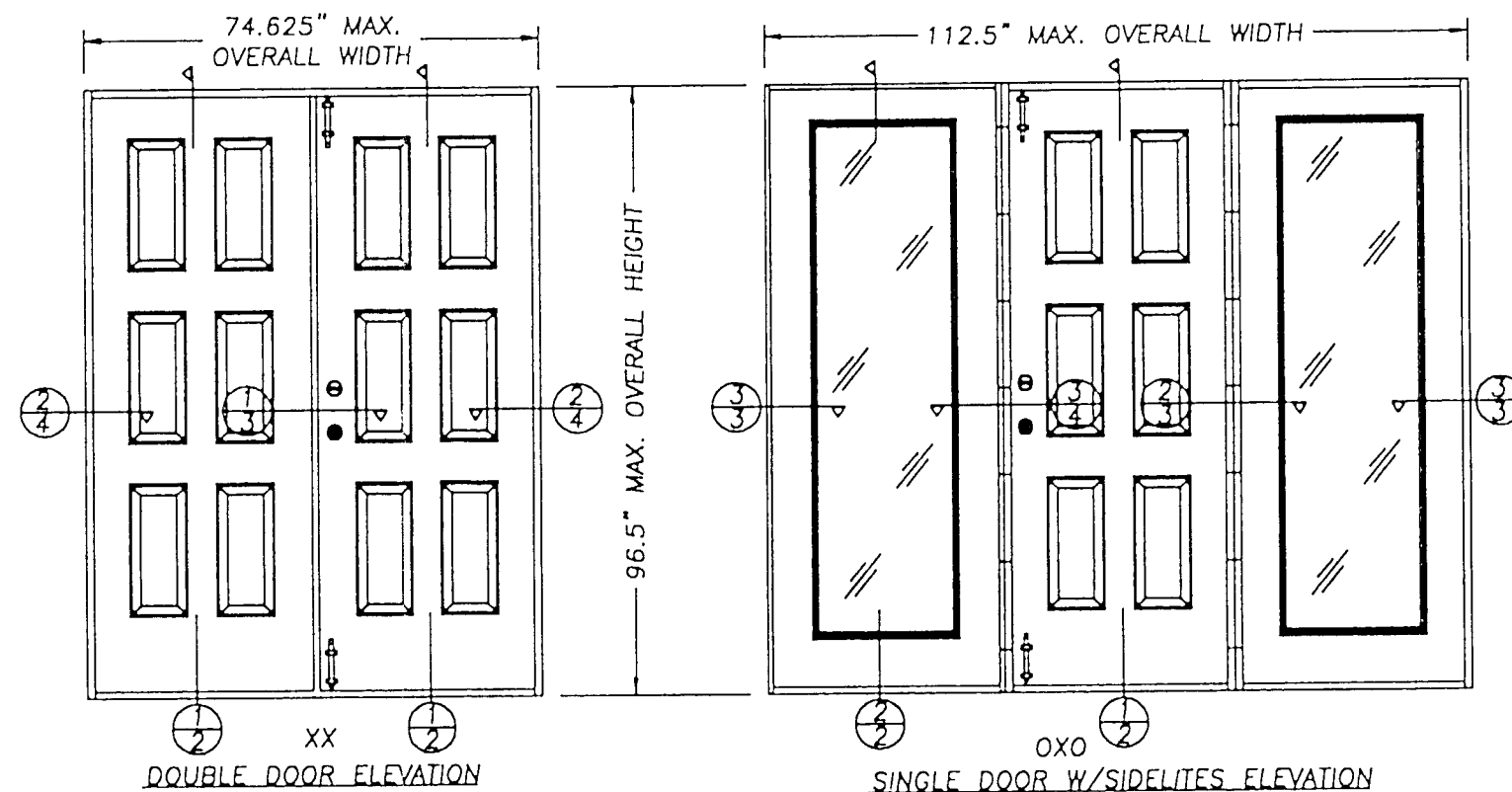
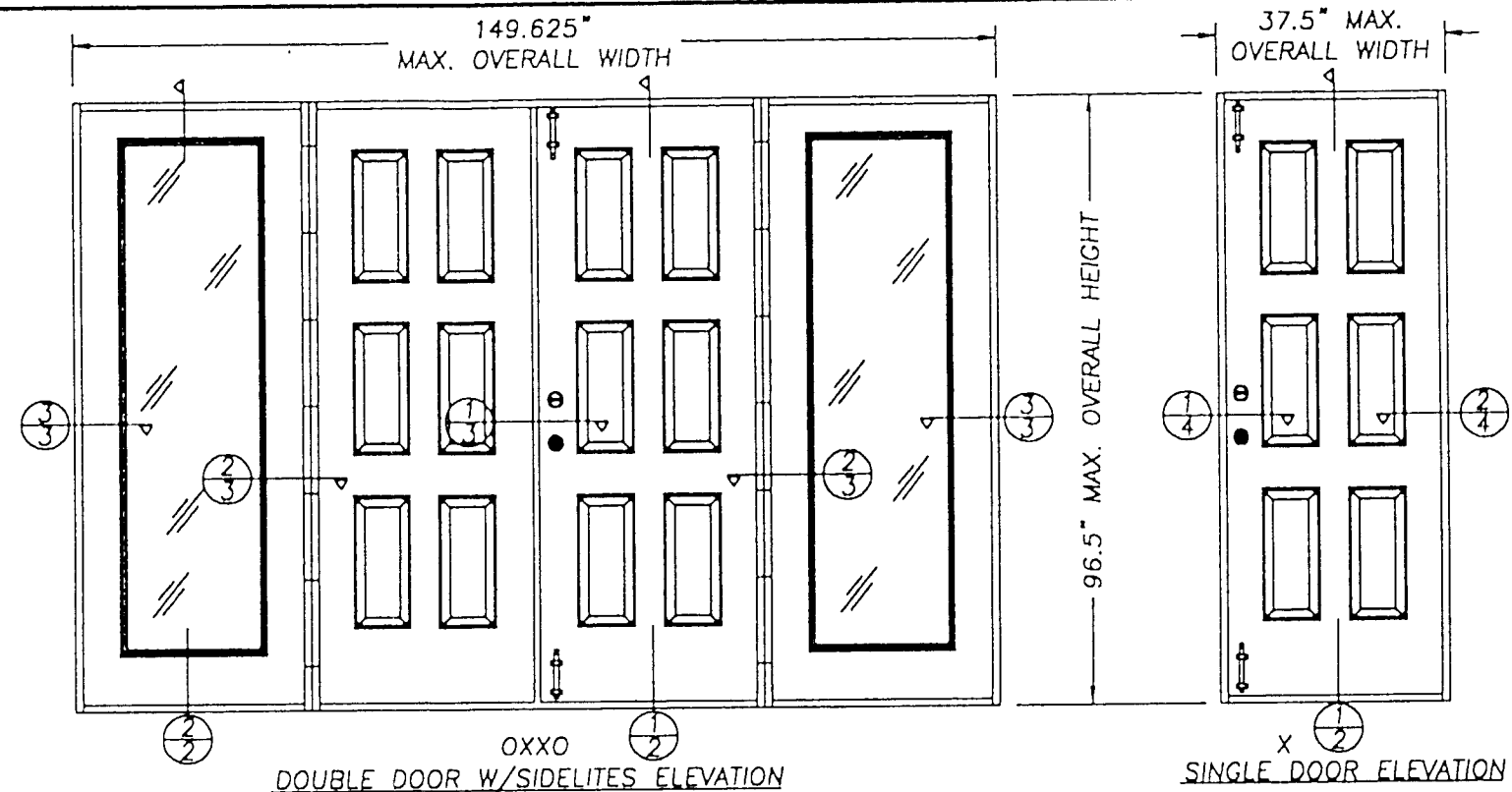
Frame Construction: The head and side jambs are finger jointed ponderosa pine measuring 4.5625" x 1.25". The head and side jambs are mortised, butted and joined using (3) #10 X 2.5" PFH wood screws at the top corners and (2) 16ga. 0.5" crown x 2.0" long staples at the threshold ends.

Panel Construction: Flush or embossed type. The vertical edges of the face sheet are flush and glued to the finger jointed pine stiles and rails. Wood end rails are butt jointed to styles at corners. Panels are sandwich glazed using a two piece urethane lite frame with mitered & welded corners. The glass is dry glazed on the exterior with a cellular tape.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATIONS)
2	VERTICAL CROSS SECTIONS & BILL OF MATERIALS
3	HORIZONTAL CROSS SECTIONS
4	HORIZONTAL CROSS SECTIONS & DOOR MODELS
5	ANCHORING LOCATIONS
6	ANCHORING LOCATIONS & GLAZING DETAILS
7	FRAME COMPONENTS

DESIGN PRESSURE RATING	
UNIT TYPE	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
SINGLE	+ 49.0 PSF - 60.0 PSF
DOUBLE	+ 49.0 PSF - 66.0 PSF
SINGLE OR DOUBLE WITH SIDELITES	+ 49.0 PSF - 66.0 PSF



ALL DOOR MODELS ARE VIEWED
FROM THE INTERIOR SIDE
(OUTSWING DOORS)

NOTE: SURFACE BOLTS ARE ON THE
ACTIVE DOOR PANELS ONLY

PRODUCT RENEWED

ACCEPTANCE No. 01-1004.03

EXPIRATION DATE November 9, 2006

By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE November 09, 2000

BY Slag 1. Chug
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 00-0613.02

DATE: 9/20/00

SCALE: N.T.S.

DWG. BY: TJH

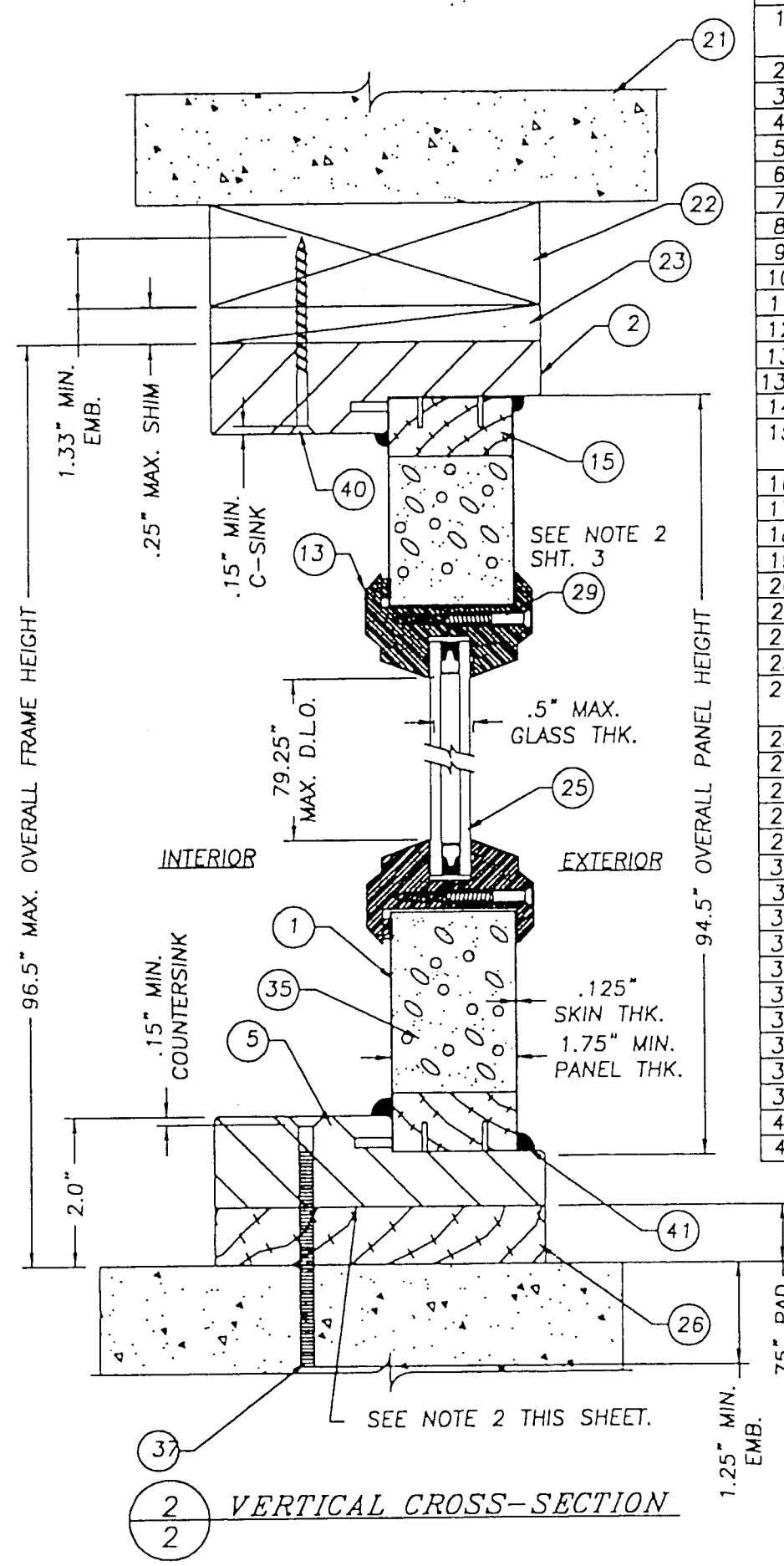
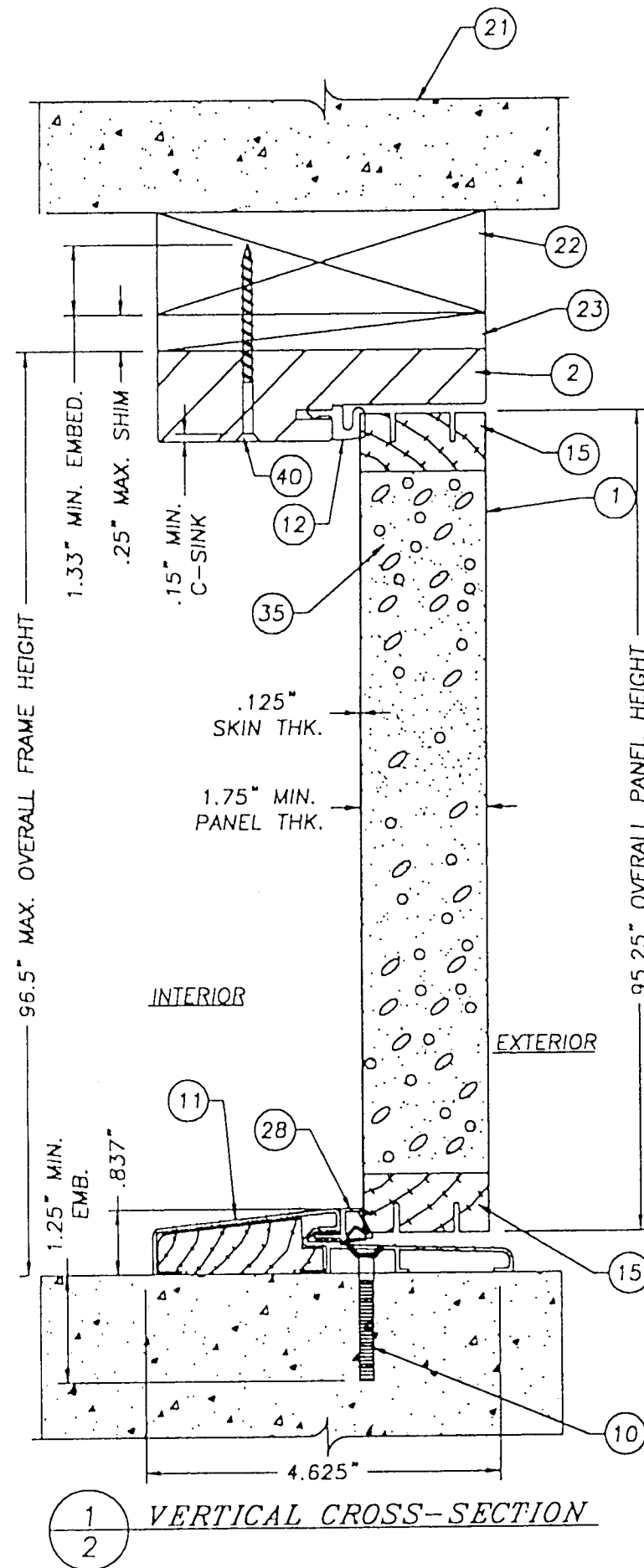
CHK. BY: RW

DRAWING NO.:

S-2030

SHEET 1 OF 7

SHEET 1 OF 7



Item	DESCRIPTION	Material
1	8'0" DOOR SKIN .125" MIN. THK. FIBERGLASS BY THERMA-TRU with yield strength Fy(min.)=5,000 psi	FIBERGLASS
2	4 1/2" HEADER (THERMA-TRU, PONDEROSA PINE)	WOOD
3	4 1/2" LATCH JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
4	4 1/2" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
5	4 1/2" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
6	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
7	#10 x 3/4" lg. (Hinge to Frame)	STEEL
8	#10 WOOD SCREW X 2 1/2" LG.	STEEL
9	#10 x 2 1/2" LG. WOOD SCREW	STEEL
10	3/16" TAPCON ANCHOR (ELCO, 1.75" MIN. LG.)	STEEL
11	ONE PIECE BUMP FACE THRESHOLD (THERMA-TRU)	ALUM./WOOD
12	COMPRESSION WEATHERSTRIP (THERMA-TRU)	
13	PLASTIC UP LITE FRAME (MFG. BY THERMA-TRU)	PVC
13A	PLASTIC LIP LITE FRAME (MFG. BY THERMA-TRU)	POLYPROP.
14	#10 x 1 1/4" LG. TYPE "A" FLATHEAD	STEEL
15	TOP & BOTTOM RAIL (1.75" x 1.625") (THERMA-TRU, PONDEROSA PINE)	WOOD
16	BLANK SIDE STILE (THERMA-TRU, PONDEROSA PINE)	WOOD
17	#8 x 1/2" LG. TYPE "AB" PANHEAD	STEEL
18	#10 WOOD SCREW X 2" LG.	STEEL
19	KWIKSET 200 DL PASSAGE	
20	KWIKSET 660 DEADBOLT	
21	MASONRY WALL	
22	2x WOOD BUCK	WOOD
23	MAX. 1/4" SHIM MATERIAL	WOOD
24	ASTRAGAL (.052" WALL THK. ALUM. & PONDEROSA PINE #3/16" x 19" BOLT) MFG. BY THERMA-TRU	WOOD/ALUM
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSURE TREATED SIDELITE PAD	WOOD
27	#12 x 1/2" LG. PANHEAD SHEET METAL SCREW	STEEL
28	BULB WEATHERSRIP (THERMA-TRU)	VINYL
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW	STEEL
30	#10 x 1" LG. PHILLIPS FLATHEAD SCREW	STEEL
31	LATCH SIDE STILE (THERMA-TRU, PONDEROSA PINE)	WOOD
32	HINGE SIDE STILE (THERMA-TRU, PONDEROSA PINE)	WOOD
33	CORRUGATED STAPLE FASTENER (1 1/2" X 3/4")	STEEL
34	4" x 1.625" CONTINUOUS LVL STILE	LVL
35	POLYURETHANE FOAM (BASF, 2.1lbs. DENSITY)	FOAM
36	IVES SURFACE BOLT	STEEL
37	3/16" TAPCON ANCHOR (ELCO, 3.25" MIN. LG.)	STEEL
38	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	-
39	#10 x 2" LG. PHILLIPS FLATHEAD SCREW	STEEL
40	#10 x 3" LG. WOOD SCREW	STEEL
41	SEALANT	SILICONE

NOTE:
 1. SIDELITE IS DIRECT SET INTO JAMB WITH #10 x 2\"/>

PRODUCT RENEWED
 ACCEPTANCE No. 01-1004.03
 EXPIRATION DATE November 9, 2000
 By *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE November 09, 2000
 BY Ishag I. Chaudhry
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0613-02

DATE: 9/20/00
 SCALE: 1/2\"/>

THERMA-TRU®
 108 MUTZFELD Rd.
 BUTLER, IN 46721
 PH. (219) 868-5811

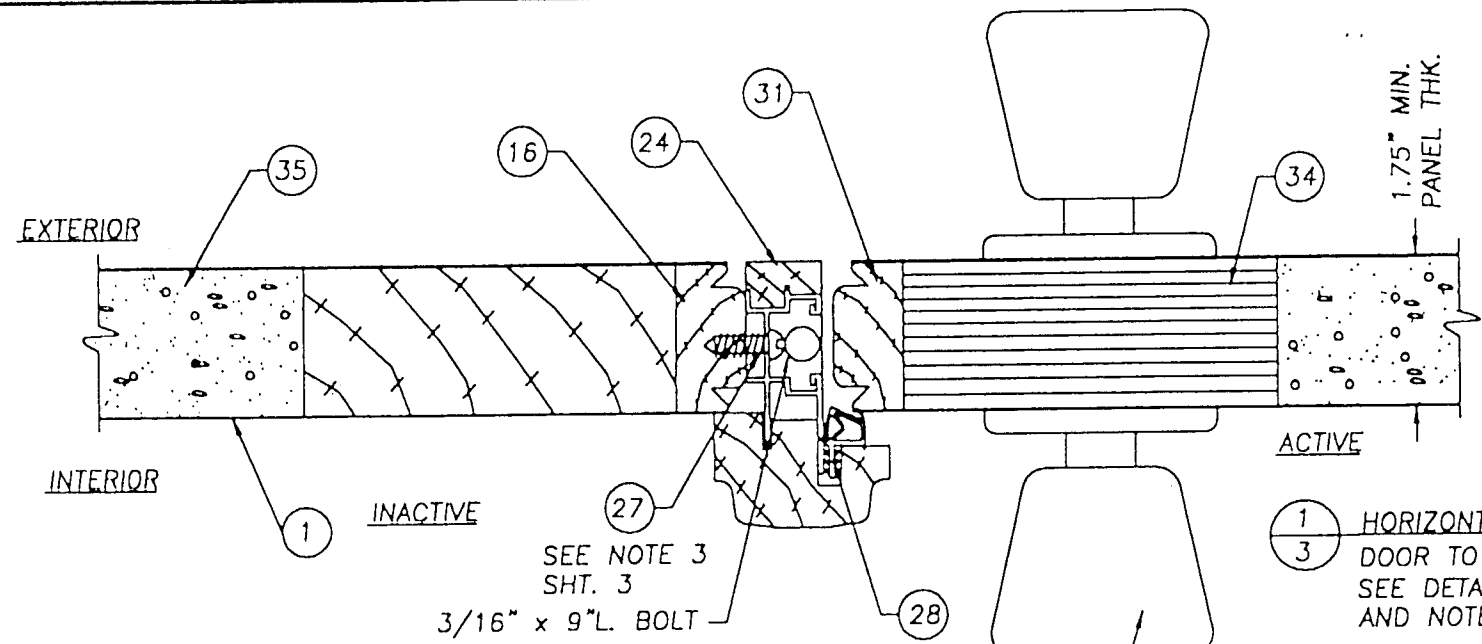
PRODUCT:
 THERMA TRU FIBERGLASS
 OUTSWING UP TO 12'-0\"/>

PART OR ASSEMBLY:

VERTICAL CROSSSECTIONS
 & BILL OF MATERIALS

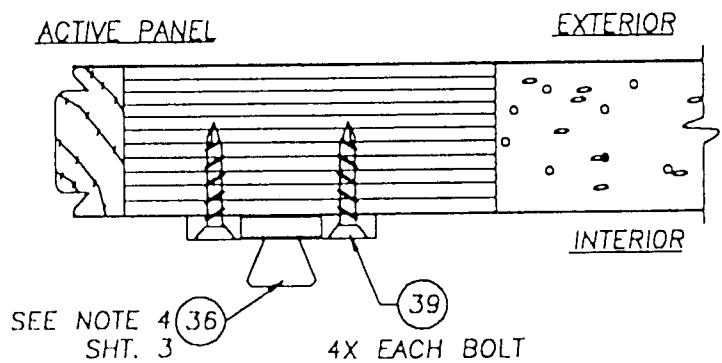
NO.	DATE	REVISIONS
2	10/17/00	GENERAL REVISION
1	9/25/00	GENERAL REVISION
1		BY

RW BUILDING
 CONSULTANTS, INC.
 813.684.3831

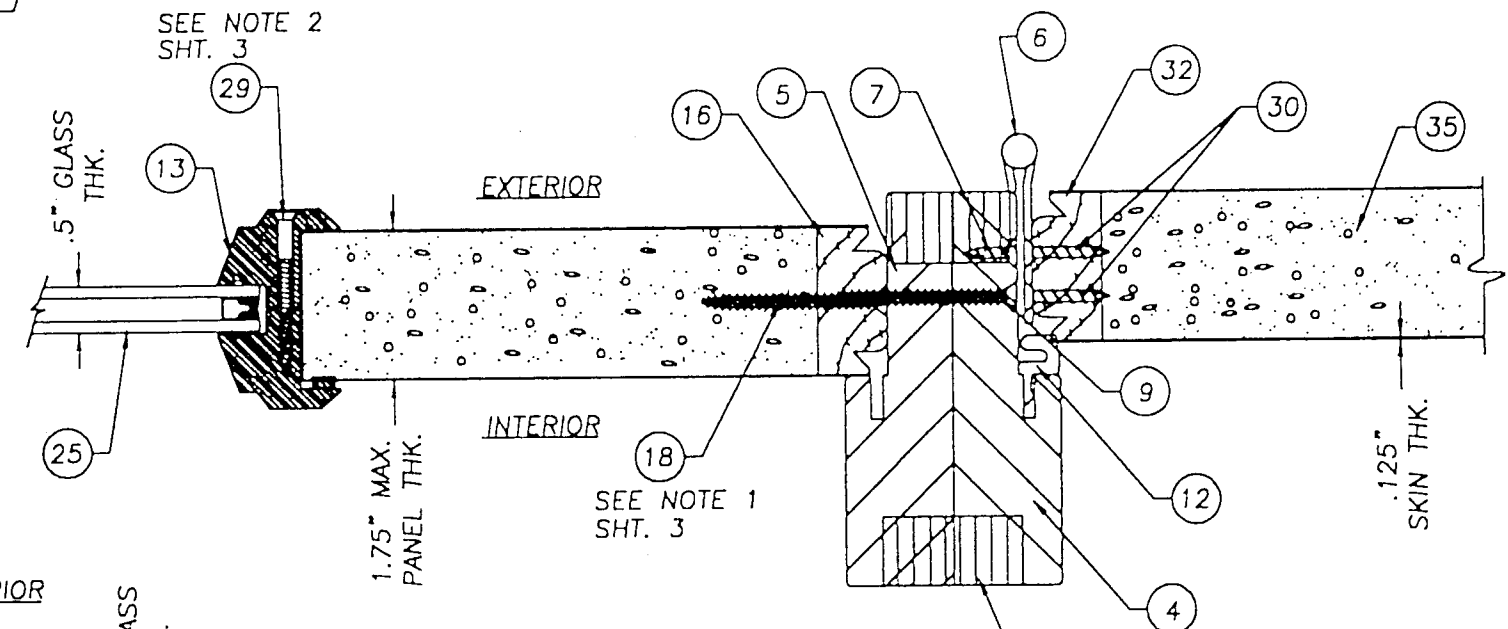


1/3 HORIZONTAL CROSS SECTION DOOR TO ASTRAGAL SEE DETAIL "A" FOR SURFACE BOLT VIEW AND NOTE 4 SHT. 3

- NOTES:
1. SIDELITE IS DIRECT SET INTO JAMB WITH #10 x 2" PH.F.H. WOOD SCREWS AT 6" FROM EACH END AND A MAX. OF 12" O.C. ON VERTICAL LEG JAMBS ONLY.
 2. SPACING OF SCREW ITEM #29 LITE FRAME SCREWS IS AS FOLLOWS: FROM THE BOTTOM UP ON SIDES, 6.438" & (7) MORE AT 9.893" O.C. TOP & BOTTOM, 3.219" & BOTTOM, 3.219" FROM THE END IN & (3) MORE AT 5.896" O.C.
 3. SPACING OF SCREW ITEM #27 ASTRAGAL SCREWS IS AS FOLLOWS: BOTTOM UP AND THE TOP DOWN SPACING IS 1", 3", 5", 7", 10" & 10".
 4. SURFACE BOLT IS ON ACTIVE DOOR PANELS ONLY. (LOCKSETS NOT SHOWN FOR CLARITY)

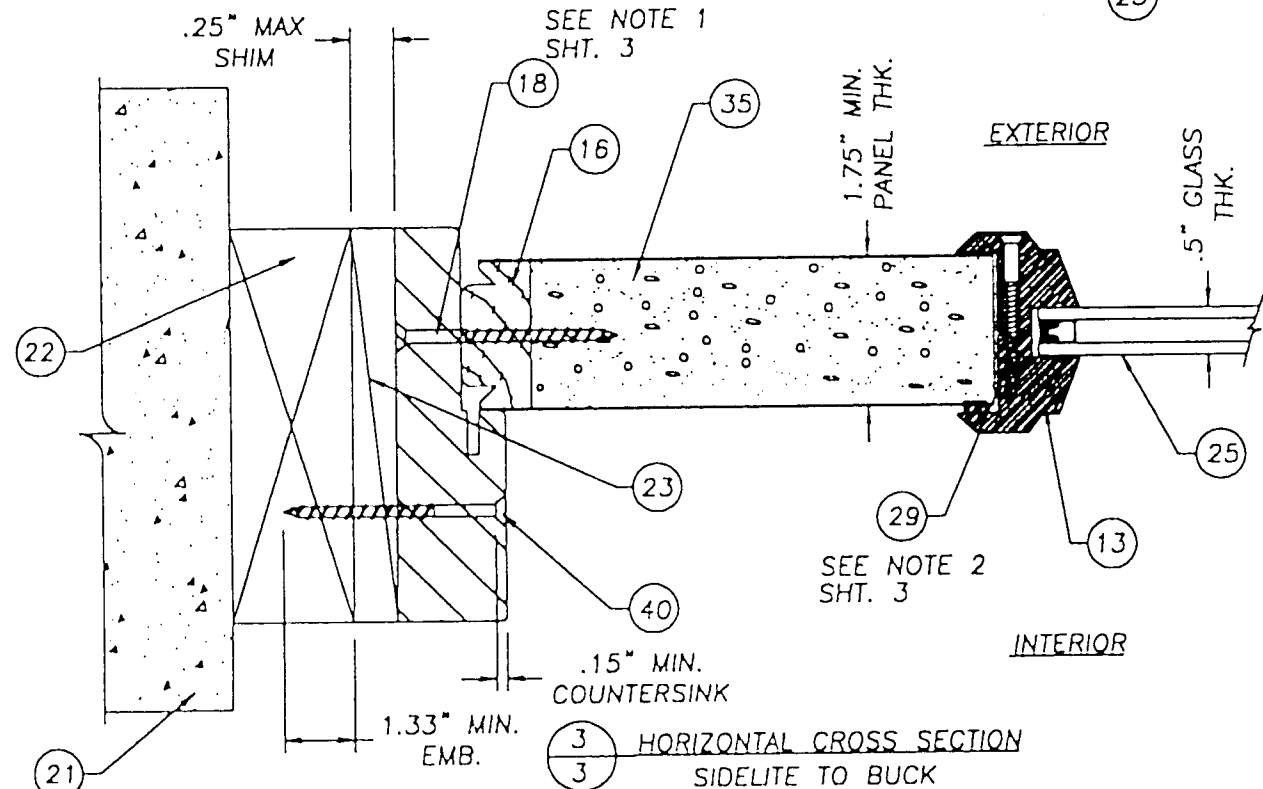


DETAIL "A" SURFACE BOLT VIEW



2/3 HORIZONTAL CROSS SECTION SIDELITE TO HINGE JAMB

SPACED 8" FROM BOTTOM & 12" O.C.



3/3 HORIZONTAL CROSS SECTION SIDELITE TO BUCK

THERMA TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

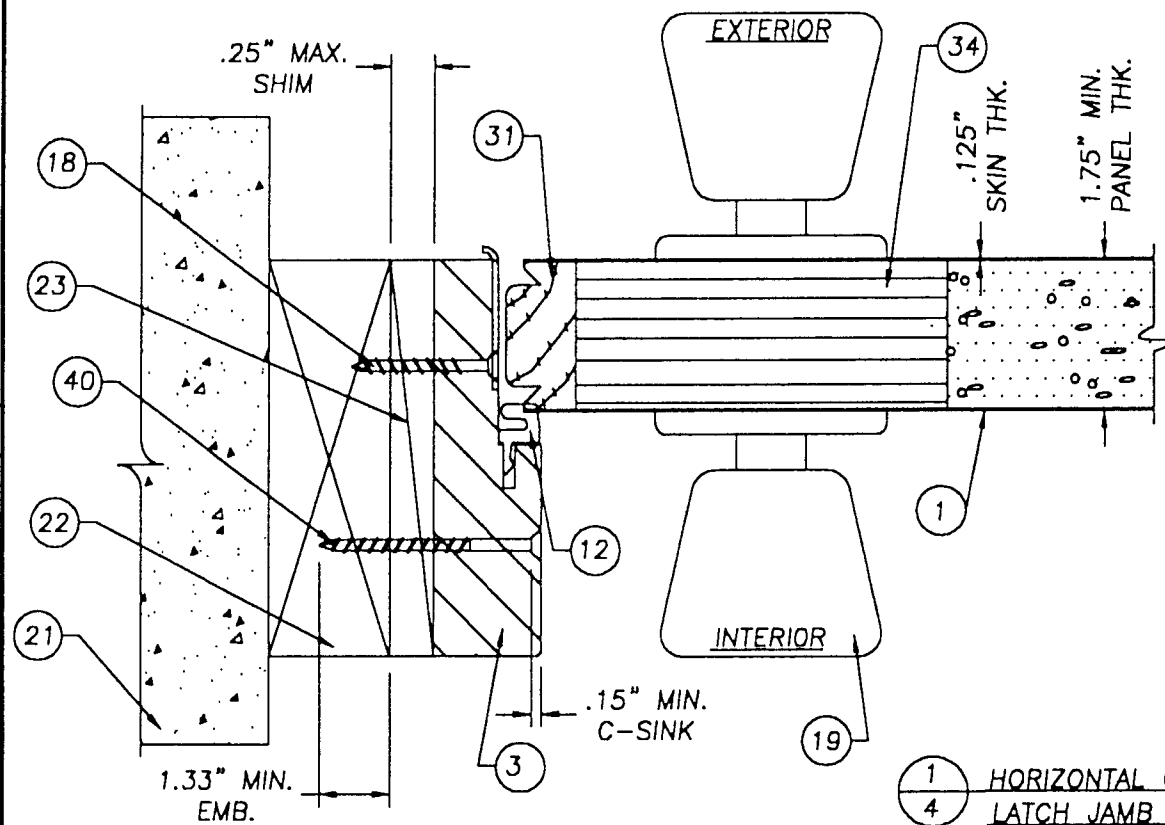
PRODUCT:		PART OR ASSEMBLY:	
THERMA TRU FIBERGLASS OUTSWING UP TO 12'-0" x 8'-0" W/3'-0" SIDELITES		HORIZONTAL CROSS SECTIONS	
NO.	DATE	GENERAL REVISION	BY
2	10/17/00	TJH	
1	9/25/00	TJH	

RW BUILDING CONSULTANTS, INC.
813.684.3831

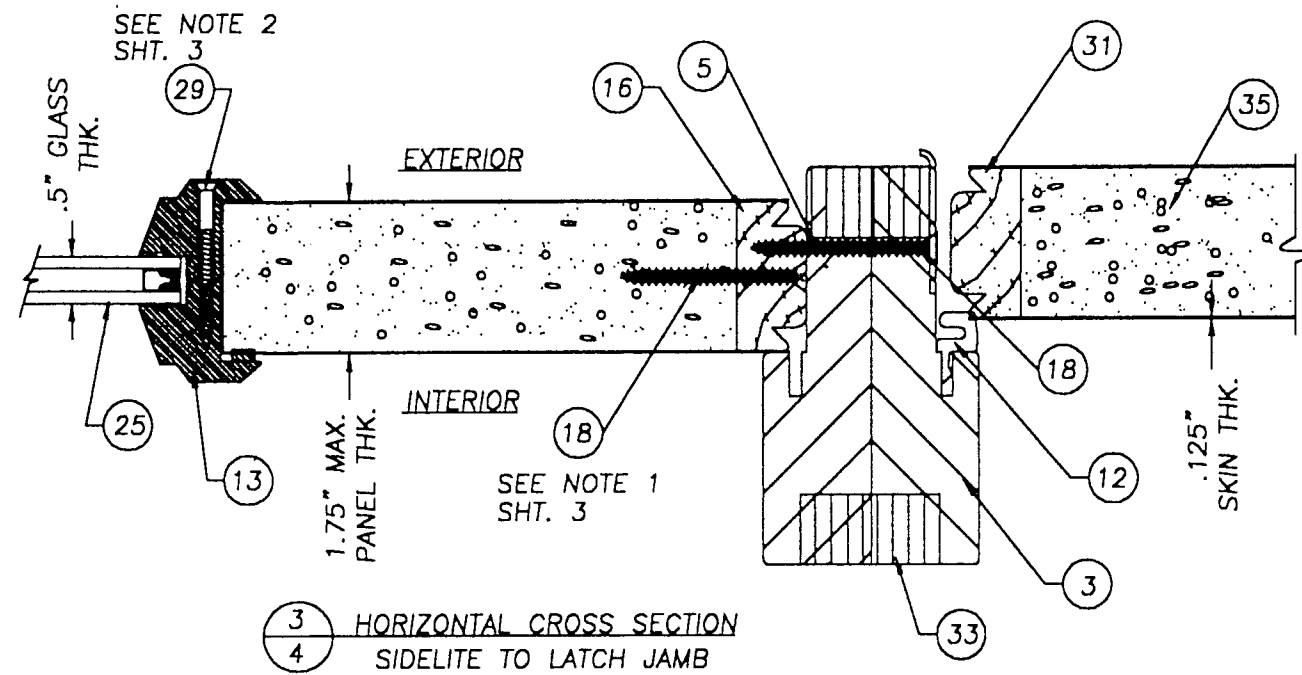
PRODUCT RENEWED
ACCEPTANCE No. 01-1004.03
EXPIRATION DATE November 9, 2006
By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE November 09, 2000
BY Ismael I. Chandra
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0613.02

DATE: 9/20/00
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2030
SHEET 3 of 7

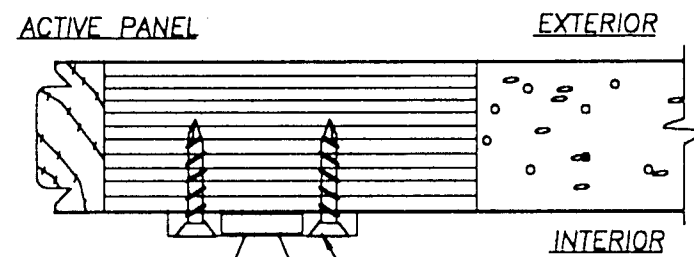


1
4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK
SEE DETAIL "H" FOR SURFACE BOLT VIEW
AND NOTE 4 SHT. 3



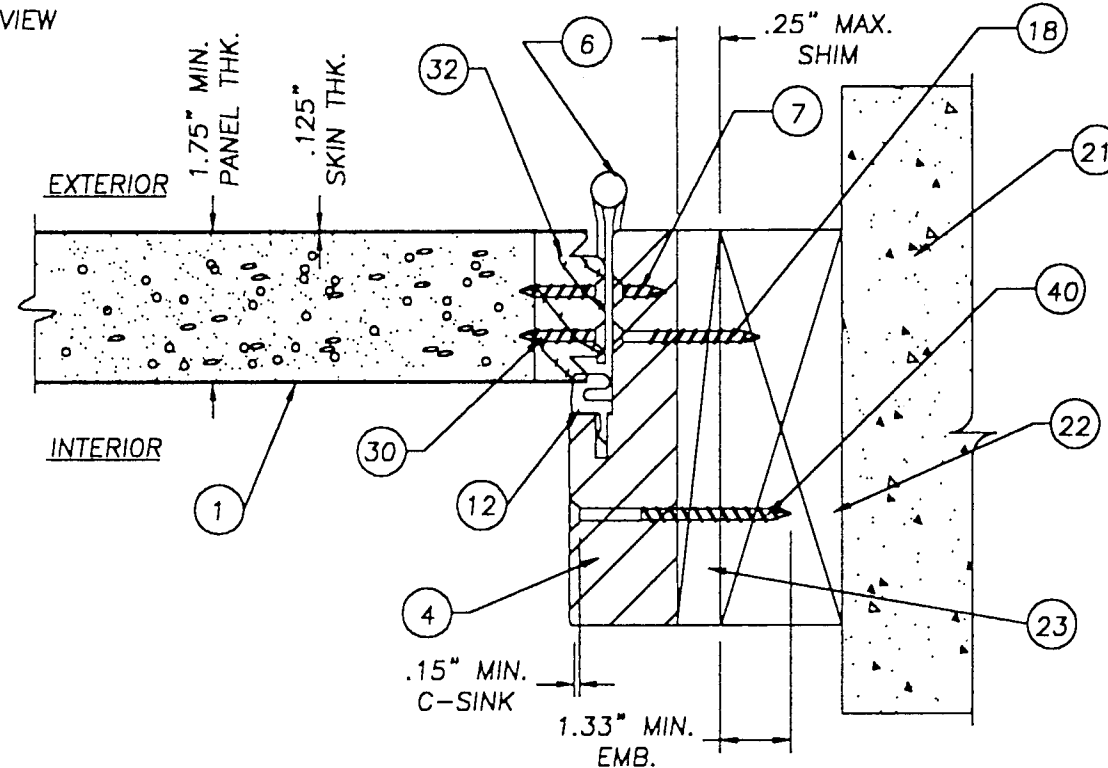
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4 HORIZONTAL CROSS SECTION
SIDELITE TO LATCH JAMB

SPACED 8" FROM
BOTTOM & 12" O.C.

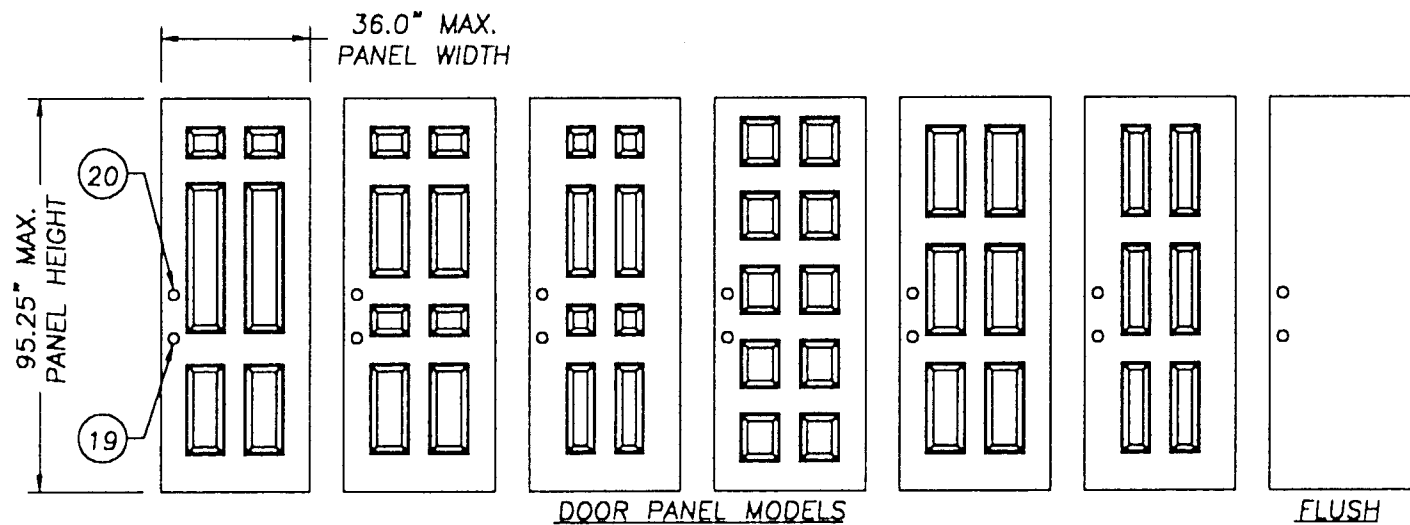


SEE NOTE 4 SHT. 3
4X EACH BOLT

DETAIL "H"
SURFACE BOLT VIEW



2
4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK



DOOR PANEL MODELS

FLUSH

THERMA TRU®

108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT:
THERMA TRU FIBERGLASS
OUTSWING UP TO 12'-0" x
8'-0" W/3'-0" SIDELITES
PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS & DOOR MODELS

NO.	DATE	REVISIONS	TJH	TJH	BY
2	10/17/00	GENERAL REVISION			
1	9/25/00	GENERAL REVISION			

RW BUILDING
CONSULTANTS, INC.
813.684.3831

PRODUCT RENEWED

ACCEPTANCE No. 01-1004.03

EXPIRATION DATE November 9, 2006

By [Signature]

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE

DATE November 09, 2000

BY [Signature]

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE No. 00-0613.02

DATE: 9/20/00

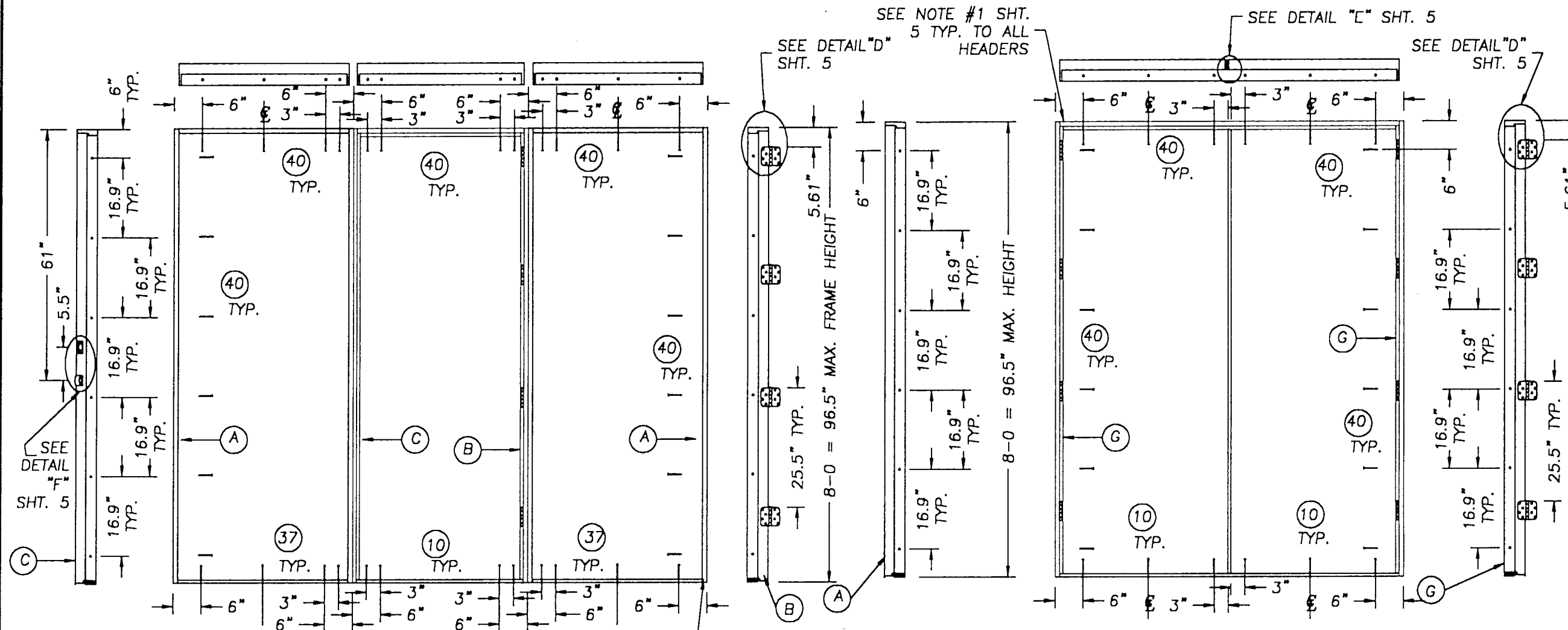
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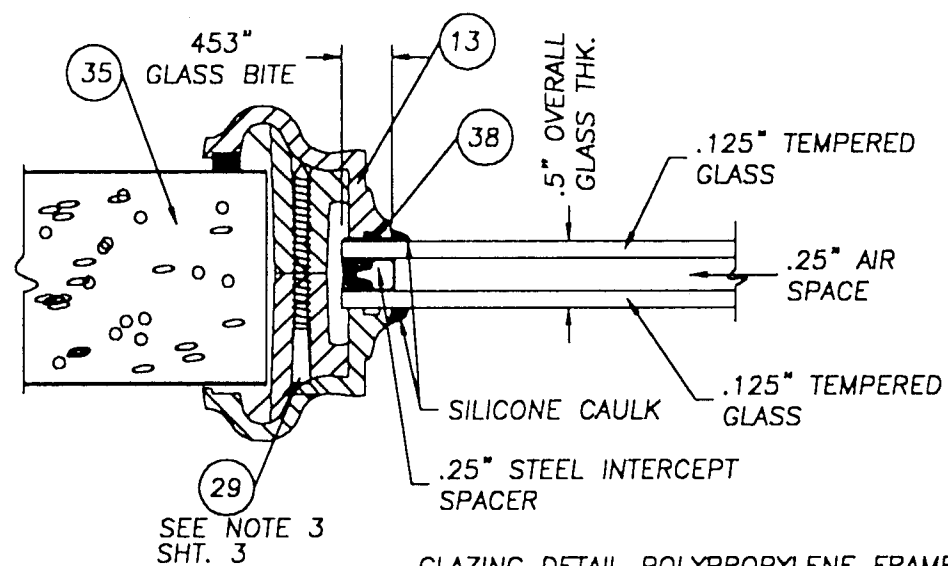
CHK. BY: RW

DRAWING NO.: S-2030

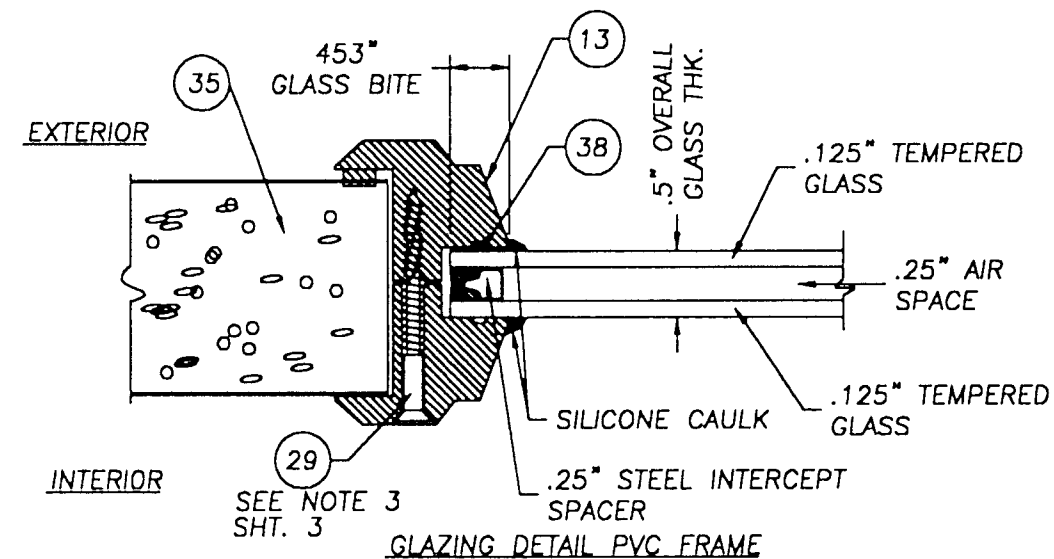
SHEET 4 OF 7



ALL FRAMES ARE VIEWED FROM EXTERIOR SIDE
DOOR PANELS NOT SHOWN FOR
CLARITY OF ANCHORING LOCATIONS



GLAZING DETAIL POLYPROPYLENE FRAME



GLAZING DETAIL PVC FRAME

PRODUCT RENEWED

ACCEPTANCE No. 01-1004.03
EXPIRATION DATE November 9, 2006
By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE November 9, 2000
BY Ishag I. Chauda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0613-02

DATE: 9/20/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2030
SHEET 6 of 7

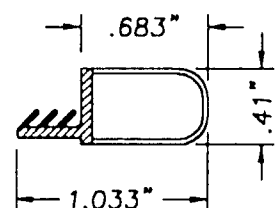
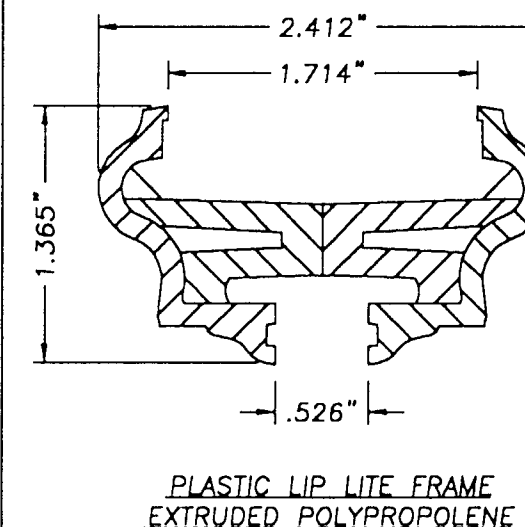
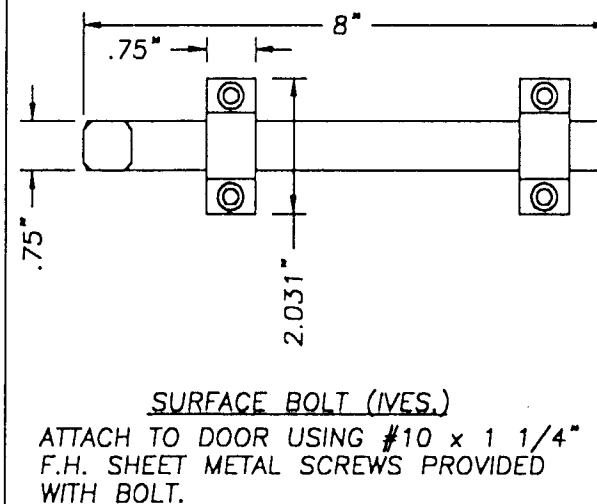
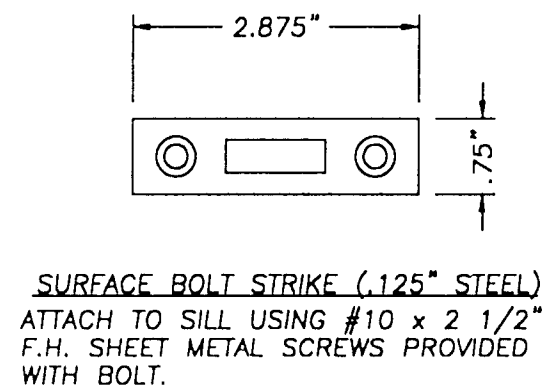
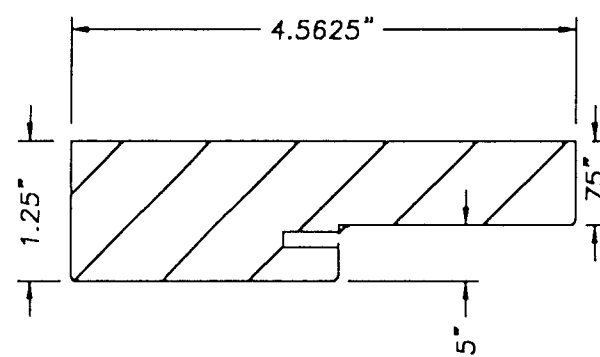
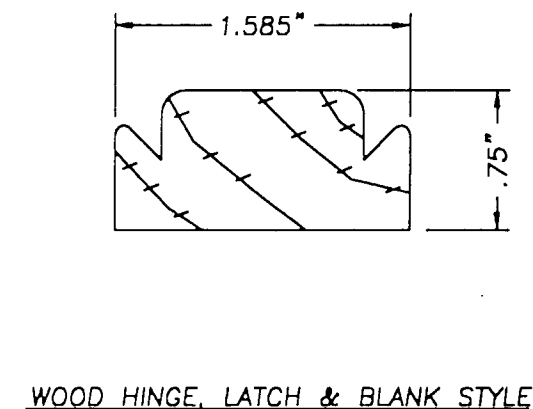
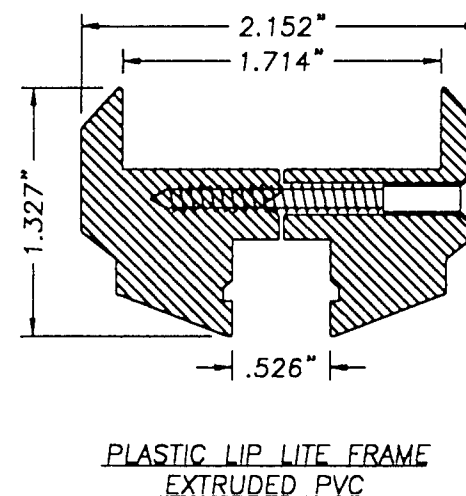
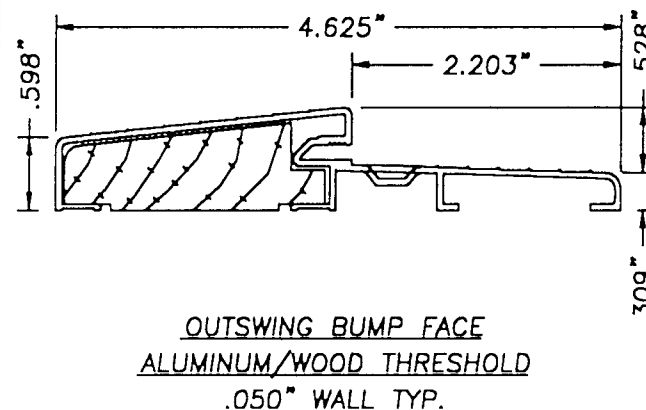
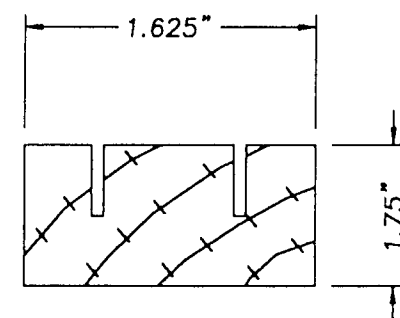
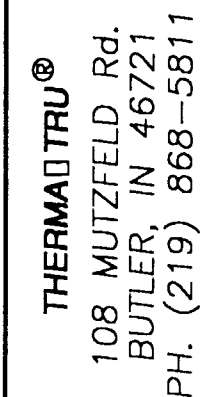
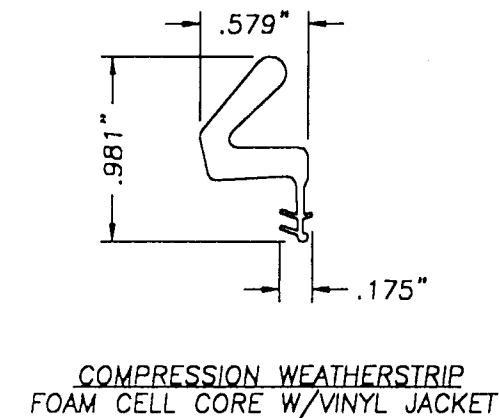
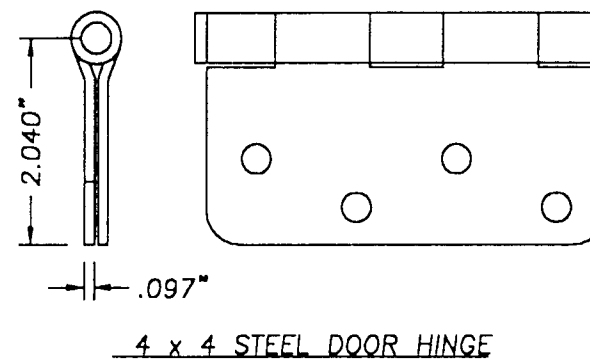
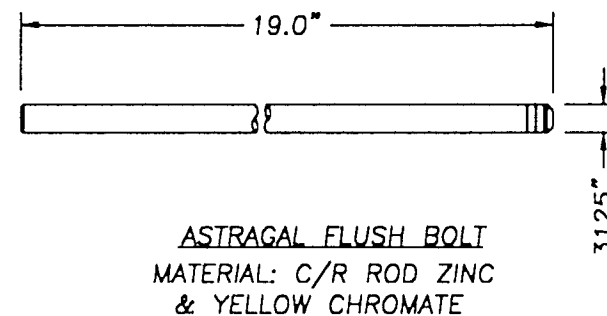
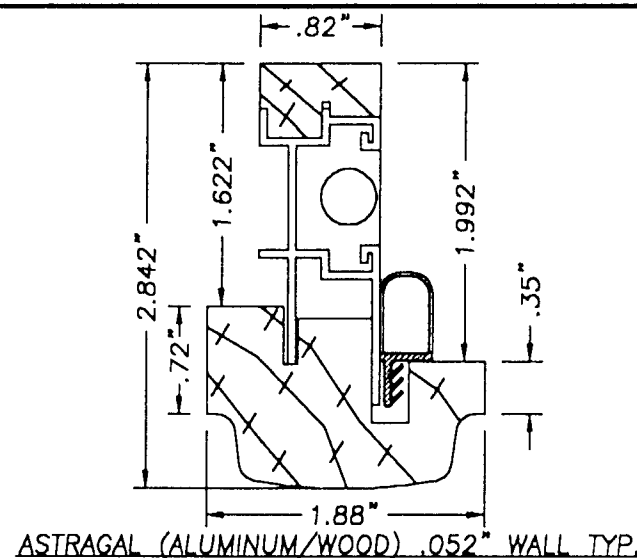
THERMA TRU®

108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT:
THERMA TRU FIBERGLASS
OUTSWING UP TO 12'-0" x
8'-0" W/3'-0" SIDELITES
PART OR ASSEMBLY:
ANCHORING LAYOUTS
& GLAZING DETAIL

NO.	DATE	REVISIONS
2	10/17/00	GENERAL REVISION
1	9/25/00	GENERAL REVISION
1		DATE

RW BUILDING
CONSULTANTS, INC.
813.684.3831



PRODUCT RENEWED

ACCEPTANCE No. 01-1004.03

EXPIRATION DATE November 9, 2006

By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE November 09, 2000
BY Isaac J. Llaneta
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 00-0613.02

DATE: 9/20/00

SCALE: N.T.S.

DWG. BY: TJH

CHK. BY: RW

DRAWING NO.:

S-2030